ABIM Manual

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# Summary

ABIM manages inventory for stock keeping. It has been designed to make working with fast moving Repair Order parts as easy as possible.

For questions concerning features, changes, and usage please contact me:

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To access this application from the local network when running on the server computer, go to <http://192.168.10.200>. If this link fails, the server may be offline, or the network configuration may have changed.

# Difference between Repair Orders and Stock Parts

Quantity is not tracked for Repair Orders, instead, only the existence of an RO at a location is tracked. This is because Repair Orders are batches of parts specific to a job, and move in and out of inventory so quickly, that tracking individual parts and quantities would be a waste of time.

Stock Parts move slowly and may sit in inventory for an extended period. Due to this, quantities and individual parts are tracked.

# Repair Orders

To find a repair order, or place one in a location, go to <http://192.168.10.200/repairorders>.

This page can be found from the home page of the application:

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## Searching for a Repair Order

Type a repair order number into the search bar and hit enter on your keyboard, or the search button. This will search all locations for a repair order matching that number. It also allows you to add this repair order number to a new location.

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## Adding a Repair Order to a Location

With the repair order number entered in the search, a button will appear under the search bar. Click the Add RO to a Location button to open the add to location dialog. Here, you may enter the Location Code in any of the following formats:

* S01-C02-R03
* S1-C2-R3
* s1c2r3

This is not case sensitive and ignores dashes to make entering the location as fast as possible.

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## Removing Repair Order from Location

To remove a Repair Order simply hit remove for that location and confirm. Because quantity is not tracked, the entire repair order will be removed.

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If only some of the parts are removed from that location, the Repair Order should not be removed. Instead, only when all of the boxes, bins, and parts related to that Repair Order have been removed.

# Stock Parts

To find stock parts, or place one in a location, go to <http://192.168.10.200/parts>.

This page can be found from the home page of the application:

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## Finding a Stock Part

Stock parts have two fields that can be used for searching. At least one field must be filled out to perform a search. The search will find the closest match and will always show the closest 10 matches. It is important to note that the closest match may not be an exact match.

Hitting enter in any field will perform a search.

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Once a match is found it can be located by hitting the orange Locations link in that row. This will take you to the page for that part.

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Here you can view a list of all locations of that part.

## Adding / Removing / Moving a Stock Part

In the part page for the part being located, the locations of the part will be listed on a table below the part information. For each location will be three buttons for adding, removing, or moving that part. If a part does not exist at any location, or if it is being added to a different location from those listed, it can be added using the Add to New Location button.

## Creating a New Part

Sometimes parts will not be listed within the system and need to be added manually. Before adding a part, it should be searched to make sure no duplicates are created. If no part is found, hit Add New Part to open the creation dialog.

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The dialog will automatically copy the search fields for convenience. Once the fields are confirmed, hitting add will create the part. If successful, the new part page will open and the part can be added to a location.

# Managing the Server

I’ve tried to keep things as simple as possible. The server application is a NodeJS app running on the server computer, which at the time of writing is in the closet behind the front desk.

To launch the server, navigate to C:\auto-body-inventory-managerA screenshot of a computer

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Look for the file “start.bat” and double click it. This will launch the server program.

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Make sure only one instance of this program is running. If it fails, there may already be one open, so check other open applications.

This folder also contains all the source code for the application.

## Managing the Database

To access the database, open the application pgAdmin by searching from the start menu. This application is preconfigured to connect to the database, and can be used to make backups, and interact with the data directly.